

Remove Covered Intervals [\(View\)](#)

Given an array `intervals` where `intervals[i] = [li, ri]` represent the interval `[li, ri)`, remove all intervals that are covered by another interval in the list.

The interval `[a, b)` is covered by the interval `[c, d)` if and only if `c <= a` and `b <= d`.

Return *the number of remaining intervals*.

Example 1:

Input: `intervals = [[1,4],[3,6],[2,8]]`

Output: 2

Explanation: Interval `[3,6]` is covered by `[2,8]`, therefore it is removed.

Example 2:

Input: `intervals = [[1,4],[2,3]]`

Output: 1

Constraints:

- `1 <= intervals.length <= 1000`
- `intervals[i].length == 2`
- `0 <= li <= ri <= 105`
- All the given intervals are **unique**.